## Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

13667

Application ID:

09683608

**COMPLEXITY MANAGEMENT AND** 

Title of Invention:

PRODUCTION OPTIMIZATION

**SYSTEM** 

First Named Inventor:

Lubash Julius

Domestic/Foreign Application:

**Domestic Application** 

Filing Date:

null

Effective Receipt Date:

2002-01-24

Submission Type:

**Utility Patent Filing** 

Filing Type:

new-utility

Confirmation Number:

Λ

Attorney Docket Number:

201-1433 RLC

Digital Certificate Holder:

cn=Damian Porcari, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S.

Government, c=US

Certificate Message Digest:

ipNTsrz4n4XePyOpi78s7A==

Total Fees Authorized:

\$1240.0

Payment Category:

DA - Deposit Account

Deposit Account Number:

61510

Deposit Account Name:

Saundra M. Lewis

### TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

**Attorney Docket** 

Number:

201-1433

RLC

Submission Type: Utility Patent

Filing

# COMPLEXITY MANAGEMENT AND PRODUCTION OPTIMIZATION SYSTEM

First Named Inventor: Lubash John Julius

SUBMITTED BY

M

ñ

The same

Name:

Organization Name:

Ford Motor Company

Saundra M. Lewis Electronic Filing

**Specialist** 

Electronic Signature Mark: /sml

Date Signed: 20020124

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

declaration

declaration1of3.tif

declaration

declaration2of3.tif

declaration

declaration3of3.tif

declaration

consentletter.tif

declaration

bibd-transmittal

patent-assignments

specification

fee-transmittal

in fodisc losure statement. tif

201-1433apds.xml

201-1433asgn.xml

Specification.doc.xml

201-1433fee.xml

Attached Image File(s):

declaration1of3.tif

declaration2of3.tif

declaration3of3.tif

consentletter.tif

infodisclosurestatement.tif

$C_{\Omega}$	m	m	۵	nt	۰.
u	LLE	TIE	ш	T I I	`

COESTEDS DATELON

App\_ID=09683608 Page 3 of 8

DECLARATION	Attorney's Doc 201-1433				
My residence, post	inventor, I hereby declar office address and citize	anship are as stated be			
I verily believe I am and for which a pati	the original, first and so ent is sought on the inve	lle inventor or an origir ention entitled	nal, first and joint inven	tor of the subject matte	er that is cla
COMPLEXITY MAI	NAGEMENT AND PRO	DUCTION OPTIMIZAT	ON SYSTEM		
the specification of	which is attached heret	о.			
	d understand the conter				
accordance with Se as to application fo prior to this application  [X] n	duty to disclose informatection I.56(a), Title 37 of repatents or inventor's countries to the patents of the pa	the Code of Federal redificate on the inventi epresentatives or assi- re been filed, or seen filed as follows:	regulations; and on filed in any country gns,	foreign to the United S	tates of An
[] 1	Hereby Claim the benefit				
COUNTRY	APPLICATION NO.	DATE OF FILING (month, day, year)	DATE OF ISSUE (month, day. year)	PRIORITY CLAIMED UNDER 35 USC 119	Additing Additing Addition Application application on a supplication of the Addition of the Ad
application design is not disclosed in	benefit under 35 U.S.C. ating the United States, the prior United States knowledge the duty to dibetween the filing date of the control of th	listed below and, inso or PCT International all isology information who	ter as the subject many opplication in the manne ich is material to paten and the national or PC	er or each of the claims er provided by the first particularly stability as defined in 37	paragraph CFR § 1.1 ate of this
(Application Num	ber)	(Filing Date)	(Status -	patented, pending, ab	andoned)
DOWED OF ATT	ORNEY: - I/we hereby blication identified above	annoint Practitioners a	it Customer No. 02284 isiness in the United S	4, as my/our attomey(s tates Patent and Trade	s) or agenti mark Offic

manner hacomes separated from the file.

#### Address all correspondence and telephone calls to:

Raymond L. Copplellie Ford Global Technologies, Inc. One Parklane Boulevard 800 East Parklane Towers Dearborn, Michigan 48126

Telephone: 313-337-1069

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief at believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made ar punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false stateme jeopardize the validity of the application or any patent issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE
John Julius Lubash 9777 Oak Pointe Lane Northville, MI 48167 US	Northville, MI 48167 US	U.S.A	John Thelogy
Alan Edward Hyrila 8701 Weilington Northville, MI 48167 US	Northville, MI 48167 US	U.S.A	

Р.

#### Address all correspondence and telephone calls to:

Raymond L. Coppiellie Ford Global Technologies, Inc. One Parklane Boulevard 600 East Parklane Towers Dearborn, Michigan 48126

Telephone: 313-337-1069

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements jeopardize the validity of the application or any patent Issuing thereon.

NAME AND MAILING ADDRESS OF INVENTOR:	RESIDENCE	CITIZENSHIP	SIGNATURE	D#
John Julius Lubash 9777 Oak Pointo Lane Northville, MI 48167 US	Northville, MI 48167 US	U.S.A		,
Alan Edward Hyrila 8701 Wellington Northville, MI 48167 US	Northville, MI 48167 US	U.S.A	Clan Elwad Hyl	

ASSISTANT COMMISSIONER FOR PATENTS Washington, D. C. 2023

Case Docket No. 201-1433 Date: January 3, 2002

Sir:

Inventor(s):
John Lubash
Alan Hyrila

#### For: COMPLEXITY MANAGEMENT AND PRODUCTION OPTIMIZATION SYSTEM

The attorney or agent below has reviewed this application and its attachments and consents to electronic filing by the assignee.

Respectfully submitted:

Raymond L. Coppiellie Attorney or Agent of Record Registration No. 33,311

Ford Global Technologies, Inc.

One Parklane Blvd., 600 Parklane Towers East

Dearborn, MI 48l26

Telephone: 313-337-1069

Substitute for form 1449A/PTO	Complete if Known				
INFORMATION DISCLOSURE	Application Number	To be assigned			
STATEMENT BY APPLICANT	Filing Date	Herewith			
	Applicants	Hyrila, Lubash			
(use as many sheets as necessary)	Group Art Unit				
	Examiner Name				
Sheet of	Attorney Docket Number	201-1433			

					U.S. F	PATENT DOC	JMENT	rs		• • • • • • • • • • • • • • • • • • • •
EXAMINER INITIAL*	Cite No. 1	DOCU	JMENT IBER	Kind Code <sup>2</sup> (if known)		NAME			DATE MM-DD-YY	Pages, Columns, L Where Relevant Passages Figures Appear
		4,93	7,743	T	Rassn	nan, et al.		6/26/90		1 iguies Appeal
		5,46	7,268		Sisley, et al.  Matsunari, et al.  Jones, et al.		11/14/95 2/27/96			
		5,49	5,430							
			0,084					11/9/99		
	<del> </del>	<u> </u>	•							
	-	-								
	ļ	<b> </b>				· · · · · · · · · · · · · · · · · · ·			····	
	<b></b>	<u> </u>		<u> </u>						
		<u> </u>								
		L								
***										
								·		
			·							
									····	
								-		
	.L	<u> </u>		F	OREIGN	PATENT DO	CUME	NT	S	
EXAMINER	Cite	Foreig	n Patent Docur	nent	nd Code <sup>5</sup>					
INITIAL*	No. 1	Office <sup>3</sup>	. Nu	mber <sup>4</sup> (if	known)	NAME	<b>.</b>		DATE MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages Relevant Figures Appear
	<b>_</b>									
	L	L	L							

EXAMINER

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not Include copy of this form with next communication to applicant

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3) <sup>4</sup>For Japanese palent documents, the indication of the year of the reign of the Emperor must 1 serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if pos <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached

## FEE TRANSMITTAL

Electronic Version 1.1.0 Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

**TOTAL FEES AUTHORIZED: \$ 1240** 

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number:

06-1510

Deposit Account Name:

Ford Global Technologies, Inc.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

Charge Assignment Fees Required Under 37 C.F.R. Section 1.21 (h).

**SUBMITTED BY** 

m

Authorized Name:

Saundra M. Lewis

Electronic Signature Mark:

/sml

Date Signed:

20020124

#### **BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

#### **EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 34	103	\$ 18	14	\$ 252
Independent Claims: 5	102	\$ 84	2	\$ 168

#### **ADDITIONAL FEES**

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 80